

Approved Systems  
Survey of TEMPEST

Approved For Release 2007/12/29 : CIA-RDP85-00809R000300170014-0

☒ PLEASE RETURN TO

OFFICE	<i>P4P5</i>
NAME	
TUBE STATION	
ROOM NO. AND BUILDING	

*Project CRAFT file*

Approved For Release 2007/12/29 : CIA-RDP85-00809R000300170014-0

27 April 1981

MEMORANDUM FOR:

STAT

FROM:

SG/ADB/AO

SUBJECT: Market Survey of Tempest Approved  
Office Information Systems

1. A market survey was conducted during March 1981 to determine the availability of Word Processing or Office Information Systems with Tempest Certification. This survey was intended to determine what, if any, systems are on the market which meet the specifications for both field and Headquarters installations as determined by the project design teams.

2. The criteria for evaluation included only the basic requirements in the following categories:

- . Environmental
- . Hardware
- . Software
- . Communications

The results of the survey concluded that, at this time, there are no vendors that can meet all of the design specifications on an available-for-delivery basis.

3. Following is a synopsis of what is on the market now as well as those systems which are scheduled for Tempest Certification testing in the immediate future.

a. Systems Currently Holding Tempest Certification

- . CPT 8000T w/printer
- . Delta Data 2768T
- . DEC VT100-X
- . Lexitron VT1202T/1303T/1000T
- . NBI 3000
- . Wang WP-20/25/30
- . Xerox 860T

b. Systems Undergoing Tempest Testing

- . Burroughs RIII Series
- . IBM Display Writer
- . Lanier

c. Systems Scheduled for Tempest Testing in 1981

- . Compucorp OMEGA
- . Hazeltine OPUS-80
- . IBM 5520 Automated Office System
- . Wang Office Information System-140

4. Of the above systems, the Wang Laboratories WP-25 is the only certified system to qualify as a distributed processor. (It is capable of handling up to 14 work stations per cluster.) This system meets 29 of the specified 33 requirements.)

5. Five of the surveyed systems (Hazeltine, IBM, Lanier, Lexitron and Xerox) would require minor engineering changes to meet the environmental requirements.

6. None of the systems which currently hold Tempest Certification fully meet the shared disk specification. Wang Laboratories, WP-25 is the only system which has a shared disk capability. It does not, however, meet the 160MB criteria.

7. According to their Marketing Representative, Olivetti Corporation plans to Tempest test only their small 701 Word Processor. The target date for testing this equipment is June 1981.

8. Compuser currently has a Tempest approved Optical Character Reader. They have no plans to further develop their word processing capability.

9. Tempest Certification was recently withdrawn from Exxon Corporation's VYDEC 1800T with Qume printer. Exxon hopes to have this product ready for retesting in late 1981; however, the company has no current plans to expand their product line.

10. Of the corporations which have scheduled large Office Information Systems for Tempest testing, only Wang Laboratories is committed to testing a system configuration with a hard disk which is totally removable. Two firms, Burroughs and DEC expressed an interest in 'looking into' a removable type disk for their shared disk systems. The remainder of the vendors have no intention or desire to deviate from the sealed "Winchester" type disk.

11. The names of corporations surveyed, corporations currently with distributed processing capability, and a sample list of distributed processing system installations are shown in the attached tables. Present and project systems capabilities are shown in the attached matrix.



STAT

Attachments:

1. System Capabilities Matrix
2. Tables:
  - .Names of Corporations Surveyed
  - .Corporations Currently w/Distributed Processing Capability
  - .List of Distributed Processing System Installation.

!

**Page Denied**

## ATTACHMENT 2

TABLE I

Names of Corporations surveyed who currently market Office Information Systems:

Basic Four

7927 Jones Branch Drive Suite 100N

McLean, Virginia 22101

Telephone 734-2960

Burroughs Corporation

Office Automation Division

1300 North 17th Street, Suite 1000

Arlington, Virginia 22209

Telephone 558-5622

STAT

Compucorp

Omega Information Systems

6819 Tennyson Drive

McLean, Virginia 22101

Telephone 821-1260

CPT Corporation

1010 Wisconsin Avenue

Washington D.C.

Telephone 337-2607

STAT

Digital Equipment Corporation

8301 Professional Place

Landover, Maryland 20785

Telephone 459-7900

STAT

Hazeltine

1725 Jefferson Davis Highway

Arlington, Virginia

Telephone 892-1800

STAT

IBM Corporation

10401 Fernwood Road

Bethesda, Maryland 20034

Telephone 897-4438

STAT

Lanier

3900 North Fairfax Drive

Arlington, Virginia

Telephone 558-8400

STAT

Lexitron

1700 North Moore Street

Arlington, Virginia 22209

Telephone 522-6060

STAT

## ATTACHMENT 2

## TABLE I (cont.)

NBI Incorporated [redacted]  
1901 North Moore Street  
Arlington, Virginia 22209  
Telephone 522-6515

STAT

Olivetti [redacted]  
1768 Old Meadow Road  
McLean, Virginia 22101  
Telephone 356-0420

STAT

Wang Laboratories  
1300 North 17th Street  
Rosslyn Virginia 22209

Xerox [redacted]  
1616 North Fort Myer Drive  
Arlington, Virginia 22209  
Telephone 527-6400

STAT

Some of the above companies are compiling further references of their Office Information System installations. These references will be on file in GA20 Hqs. and will be made available as they are received.



ATTACHMENT 2

TABLE II

Corporations surveyed who now have Office Information Systems  
with distributed processing capability:

- °Digital Equipment Corporation
- °Hazeltine
- °IBM Corporation
- °Lanier
- °Lexitron
- °Wang Laboratories
- °Xerox

STAT

**Page Denied**

Next 1 Page(s) In Document Denied